

Title: Morinda Citrifolia Dry Leaf Products
 and Methods of Making the Same
 Inventors: Chen Su et al.
 Docket No.: 10209.575

1/1

Adenosine A_{2A} Bioassay

Dry Morinda citrifolia leaves

200.01 gm

↓ Percolated with EtOH

Remove solvent

EtOH Extract

26-2-1 = 22-84-1

Adenosine A_{2A} Bioassay: 20.41 gm (10.2 %)

inhibition @ 100 µg/mL: 68 %

Took 14.25 gm

↓ Partition between Hexane-90% MeOH

Hexane Fraction

26-2-2

3.58 gm (25.3 %)

Adenosine A_{2A} Bioassay:

inhibition @ 100 µg/mL: 93 %

90% aq. MeOH fraction

26-2-3

10.59 gm (74.7 %)

Adenosine A_{2A} Bioassay:

inhibition @ 100 µg/mL: 75 %

↓ cc on SiO₂/CH₂Cl₂-MeOH

↓ 22-8-1 22-8-2 22-8-3 22-8-4 + 22-8-6 to 8

22-8-5

Yield:	1.2	14.6	2.7	29.2	37.4 mg
	1.2%	14.7%	2.7%	29.5%	37.9%

Adenosine A_{2A} Bioassay:

inhibition @ 100 µg/mL: NT 2% 86% 61% NT